



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Docket: MATSUI 9

In re Application of:) Conf. No.:
Hideki MATSUI et al.)
) Art Unit:
Appln. No.: Not yet assigned) Examiner:
Filed: Even date herewith) Washington, D.C.
For: INHIBITOR OF CONSTITUTIVE) December 22, 2004
ACTIVE FORMING OF CALCINEURIN)
)

INFORMATION DISCLOSURE STATEMENT [IDS]

Honorable Commissioner for Patents
U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop Amendment
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

Sir:

This Information Disclosure Statement is submitted in accordance with 37 CFR §§1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

1. This IDS should be considered, in accordance with 37 CFR §1.97, as it is filed:

A. within three months of the filing date of the above-identified national application or within three months of the entry into the national stage of the above-identified international application.

B. before the mailing date of a first office action on the merits or before the mailing of a first Office

action after the filing of a Request for Continued Examination under 37 CFR §1.114; or

2. In accordance with 37 CFR §1.98, this IDS includes a list (e.g., form BN/SB/08A/B) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. Other than U.S. patent(s) and/or published U.S. application(s), which 37 CFR §1.98(a)(2)(ii) does not require to be filed unless specifically required by the Office, a copy of each document listed is attached, except as explained below:

A. Document(s) _____ is/are deemed substantially cumulative to document(s) _____, and, in accordance with 37 CFR §1.98(c), a copy of each of the former document(s) is not enclosed.

B. Certain documents were previously cited by or submitted to the Office in the following prior application(s), which are relied upon under 35 U.S.C. 120:

(insert serial numbers and filing dates of prior applications)
Applicant identifies these documents by attaching hereto copies of the forms PTO-892, PTO-1449, PTO/SB/08a and/or PTO/SB/08b (or their BN form equivalents) from the files of the prior application(s) or a fresh BN/SB/08A and/or BN/SB/08B listing these documents, and request that they be considered and made of record in accordance with 37 CFR §1.98(d). Per 37 CFR §1.98(d), copies of these documents need not be filed in this application.

3. Documents AA and AC are not in the English language. In accordance with 37 CFR §1.98(a)(3), Applicant states:

An English translation of document AA (or of the pertinent portions thereof), or a copy of an English-language abstract (or claim) is enclosed.

[] For documents _____, a corresponding English-language patent or published application is included on the accompanying Form BN/SB/08A, with a line drawn in the margin connecting the non-English-language document with its corresponding English-language document.

[X] A concise explanation of the relevance of document AC is found in the attached International Search Report (see reply to Comment 68 in the preamble to the final rules; 1135 OG 13 at 20).

[] A concise explanation of the relevance of document(s) _____ is set forth as follows:

[] A concise explanation of the relevance of document(s) _____ can be found on page(s) _____ of the specification.

[] A concise explanation of the relevance of document(s) _____ can be found on the attached sheet.

[X] 4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 and 68 in the preamble to the final rules; 1135 OG 13 at 20).

[] 5. Other information being provided for the examiner's consideration follows:

6. In accordance with 37 CFR §§1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in 37 CFR §1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the

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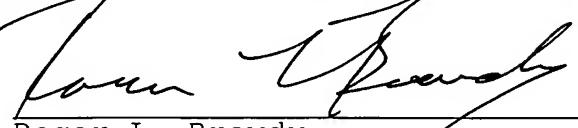
BT05 Rec'd PCT/PTO 22 DEC 2004

face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

Respectfully submitted,

BROWDY AND NEIMARK
Attorneys for Applicant(s)

By:


Roger L. Browdy
Registration No. 25,618

624 Ninth Street, N.W., Suite 300
Washington, D.C. 20001-5303
Telephone: (202) 628-5197
Facsimile: (202) 737-3528

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Substitute for form 1449A/PTO		Complete Information	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	Not yet assigned
		Filing Date	Even date herewith
		First Named Inventor	Hideki MATSUI
		Group Art Unit	
		Examiner Name	
Sheet	1	of	2
		Attorney Docket Number	MATSUI 9

Examiner Signature		Date Considered	
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO				Complete if known	
				Application Number	Not yet assigned
				Filing Date	Even date herewith
				First Named Inventor	Hideki MATSUI
				Group Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	MATSUI 9

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				T ²
	AB	Asai, A. et al., "High Level Calcineurin Activity Predisposes Neuronal Cells to Apoptosis", J. Biol. Chem., (1999), Vol. 274, No. 48, pp. 34450-34458.				
	AC	Matsui, H. et al., "Saibo no Kino Seigyo to Calcium Seminar Calcineurin no Kozo to Kino", Clinical Calcium, (1993), Vol. 3, No. 11, pp. 58-63.				
	AD	Kim, M. J. et al., "Calpain-dependent cleavage of cain/cabin1 activates calcineurin to mediate calcium-triggered cell death", Proc. Natl. Acad. Sci. USA, (July 2002), Vol. 99, No. 15, pp. 9870-5.				
	AE	Morioka, M. et al., "Potential Role of Calcineurin for Brain Ischemia and Traumatic Injury", Prog. Neurobiol., (1999), Vol. 58, No. 1, pp. 1-30.				
	AF	Springer, J. E. et al., "Calcineurin-Mediated BAD Dephosphorylation Activates the Caspase-3 Apoptotic Cascade in Traumatic Spinal Cord Injury, J. Neurosci., (2000), Vol. 20, No. 19, pp. 7246-51.				
	AG	Tallant, E.A. et al., "Activation of a Calmodulin-Dependent Phosphatase by a Ca ²⁺ -Dependent Protease", Biochemistry, (1988), Vol. 27, No. 6, pp. 2205-11.				

Examiner Signature		Date Considered	
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.